

## Assembly Engineer

SolarDuck is a Dutch-Norwegian company that is pioneering the technology to bring solar PV to the seas, and we are looking for talented individuals to join our team.

As a spin-off of Damen Shipyards, a leading Dutch shipbuilder, SolarDuck was founded in 2019 by a team of experienced entrepreneurs from the maritime industry. We are headquartered in the Netherlands (Rotterdam) and have a growing international presence with offices in Norway and Japan.

Our vision is to Electrify the World with Offshore Floating Solar, and we have developed a unique technology to bring solar PV offshore. Thereby we enable access to affordable, reliable, sustainable, and independent energy for energy consumers around the world.

To strengthen our team, we might be looking for you! If you are curious to find new solutions, like to develop speed in what you do, or are a trustworthy person driven to make an impact we would like to get in touch. With your leadership and expertise, you'll help us accelerate the growth of offshore floating solar energy by deploying over 1 GW every year from 2030.

### The Role

As an Assembly Engineer at SolarDuck, you're not just building solar panels; you're engineering a sustainable future. With a focus on innovation, safety, and efficiency, you'll transform ideas into reality, fostering a greener planet. If you're a proactive problem-solver with a passion for renewable energy, join us in Rotterdam and make waves in the solar industry. Your journey to impact starts here.

### Responsibilities:

- Analyze manufacturing and assembly processes to identify improvement opportunities, specifically focusing on time studies and process mapping;
- Design assembly workstations, ensuring optimal layout for equipment, personnel, jigs, and ergonomics based on takt times;
- Develop detailed work method statements for each workstation to streamline assembly processes;
- Draft procurement documents (buying scopes) for suppliers to construct workstations according to specifications;
- Commission and develop test plans for new workstations, ensuring they meet operational requirements;
- Perform measurements on workstations and update design based on continuous improvement;
- Collaborate with the engineering team, providing feedback from production to inform and refine platform designs;
- Engineer assembly lines to maximize space utilization and process efficiency;
- Implement and refine fabrication methods, pushing the boundaries of production;



- Apply lean manufacturing principles to minimize waste and boost productivity, continually seeking ways to refine production processes.

#### **Qualifications:**

- Bachelor's degree in manufacturing engineering or a related field;
- Minimum of 3 years of experience in manufacturing, with a keen interest in continuous learning and development;
- Six Sigma or Lean certification, though not a requirement, adds value;
- Fascinated by lean manufacturing and continuous improvement processes;
- Proficiency in engineering software such as SolidWorks and AutoCAD 2D & 3D, with additional skills in Matlab/Python or similar assembly optimization software;
- Solid understanding of assembly processes, including welding, riveting, and the preparation of manufacturing/assembly layouts for aluminum parts;
- Adept at translating designs into tangible, efficient processes;
- Knowledge of assembly tools (e.g., pneumatic guns, rivet guns) and time studies for manufacturing or assembly processes.

#### **Skills**

- Strong analytical skills, with a focus on problem-solving and continuous improvement;
- Comfortable in a fast-paced, ever-evolving work environment;
- Proactive in tackling challenges and proficient in turning designs into efficient, tangible processes;
- Commitment to collaboration and teamwork, contributing to a respectful and inclusive work culture.

#### **Why choose SolarDuck?**

- Stands at the forefront of the renewable energy sector, offering unparalleled learning opportunities and committed to making a significant, positive impact on our planet.
- Values every team member, promoting a culture of respect, innovation, and growth, offering a flexible, dynamic work environment where your contributions are truly valued
- Celebrates diversity, fostering an inclusive community where everyone belongs.

In addition, we offer an attractive compensation package, including a share certificate program and a competitive salary. Further, we aim to have a diverse team and therefore encourage all qualified candidates to apply for this position.

If you're driven by innovation, passionate about renewable energy, and ready to make a tangible impact, SolarDuck is your next destination.

Apply now to join our journey and help us power the world with offshore solar energy.